ABSTRACT

A system for aiding an engine in a vehicle includes an air duct operably disposed in the vehicle having a fresh air inlet for receiving fresh air, first outlet for exhausting air outside the vehicle, and second outlet for exhausting air inside a passenger compartment, a cool air conditioning device operably disposed in the duct to cool air as it passes thereby when in an "on mode", a heater core operably disposed in the duct to continuously provide heat air as it passes thereby and remove heat from the engine. A first diverter is operably disposed in the duct for continuously diverting at least some of the heated air toward the first outlet when the cool air conditioning device is in an "on mode" and a second diverter is operably disposed in the duct for continuously diverting at least one fresh air or cool air toward one of the outlets.